

Fig._1

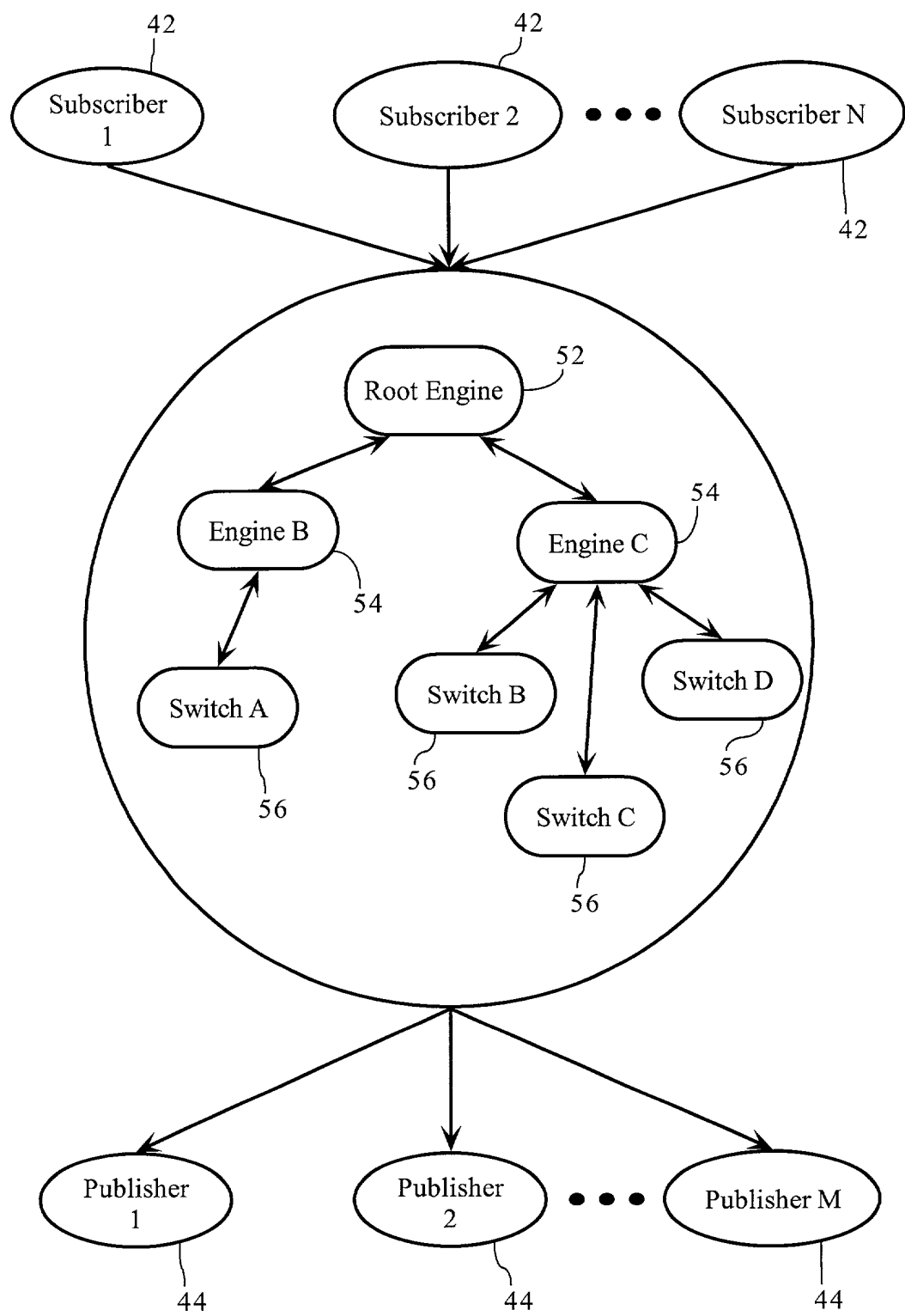
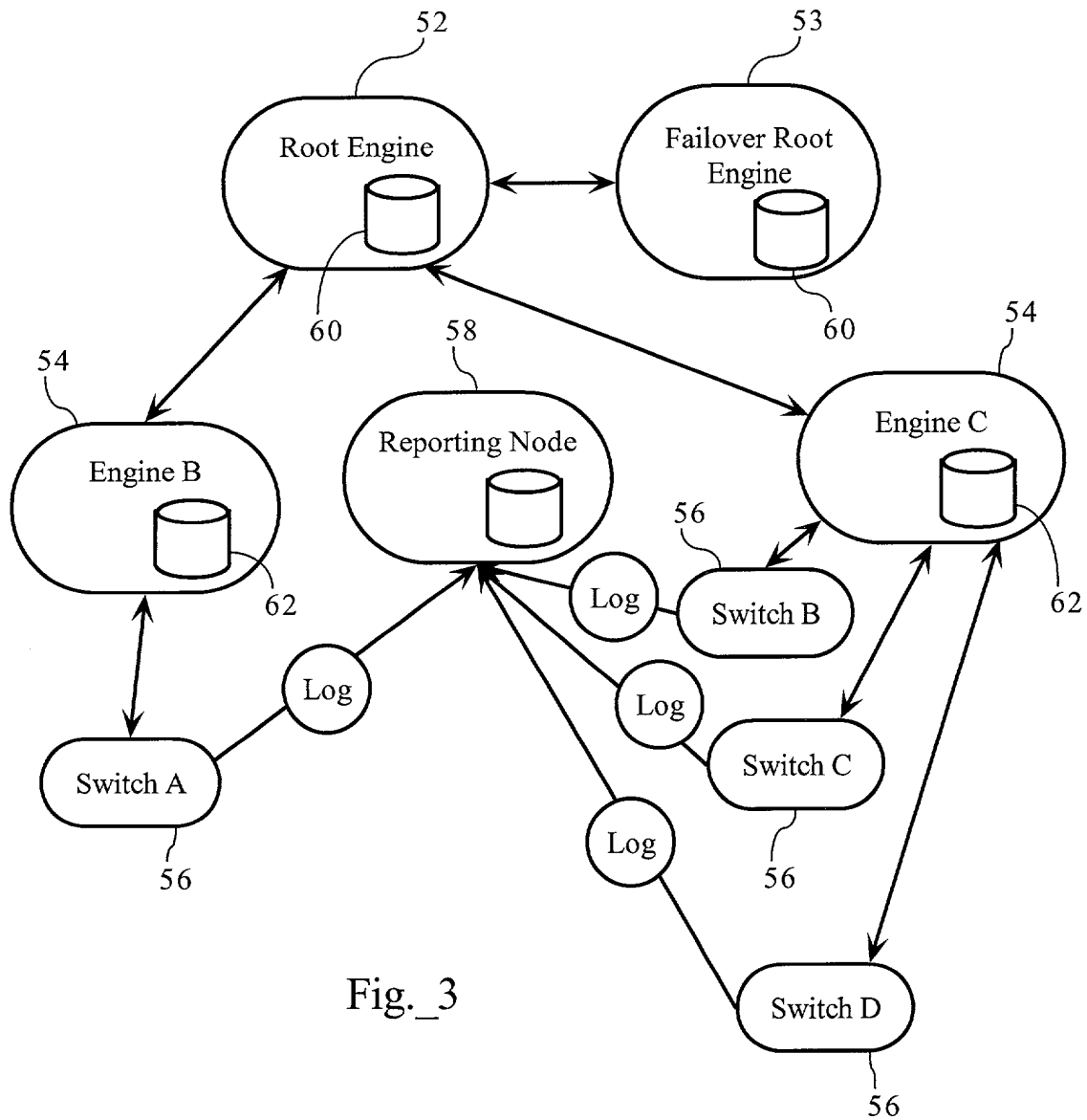


Fig. 2



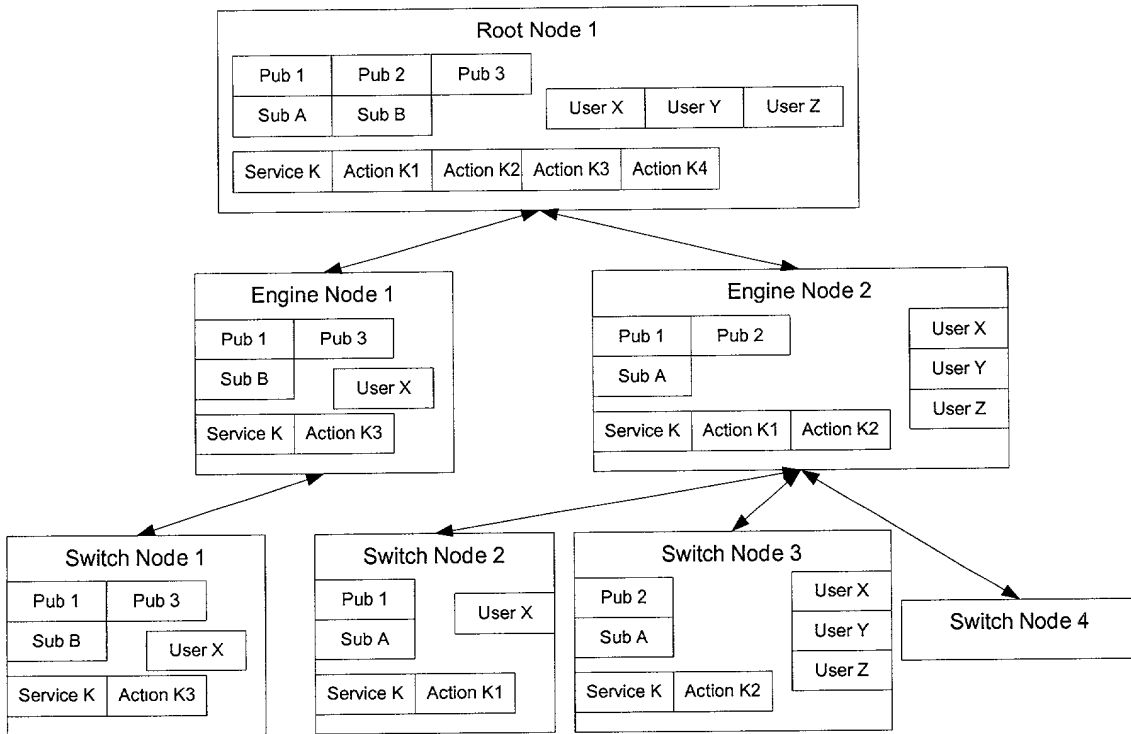
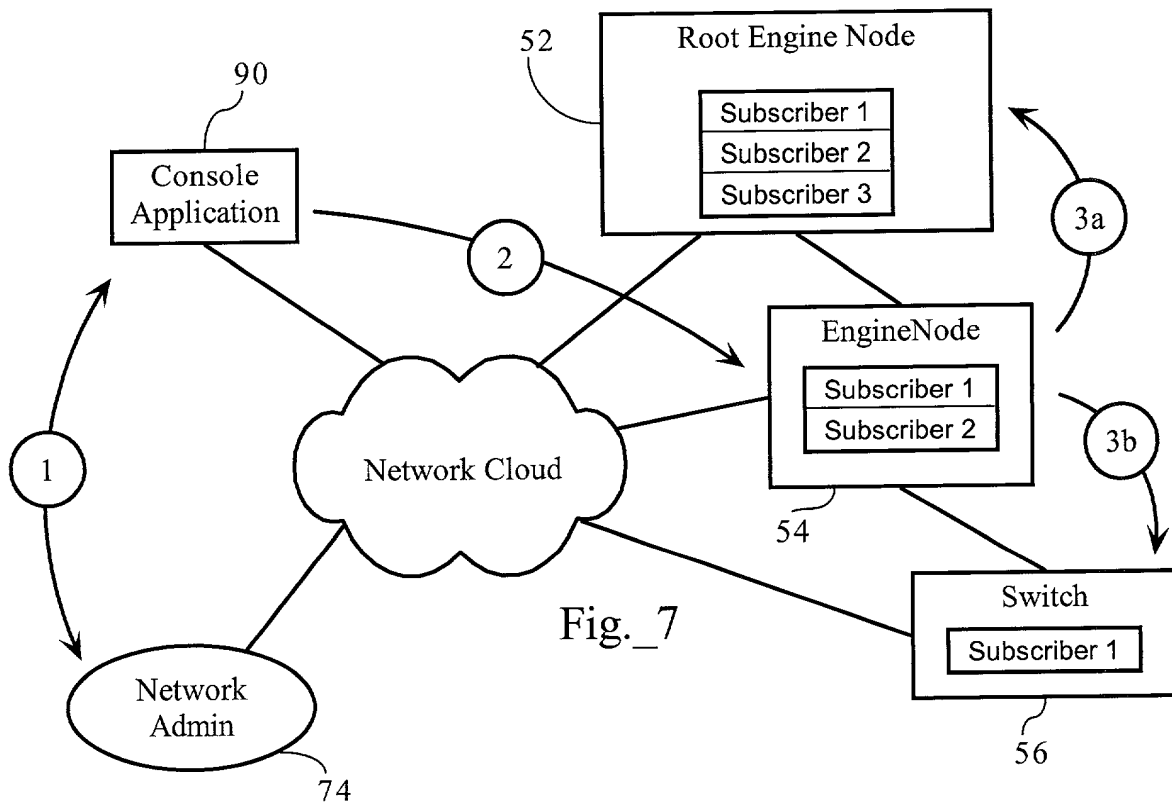
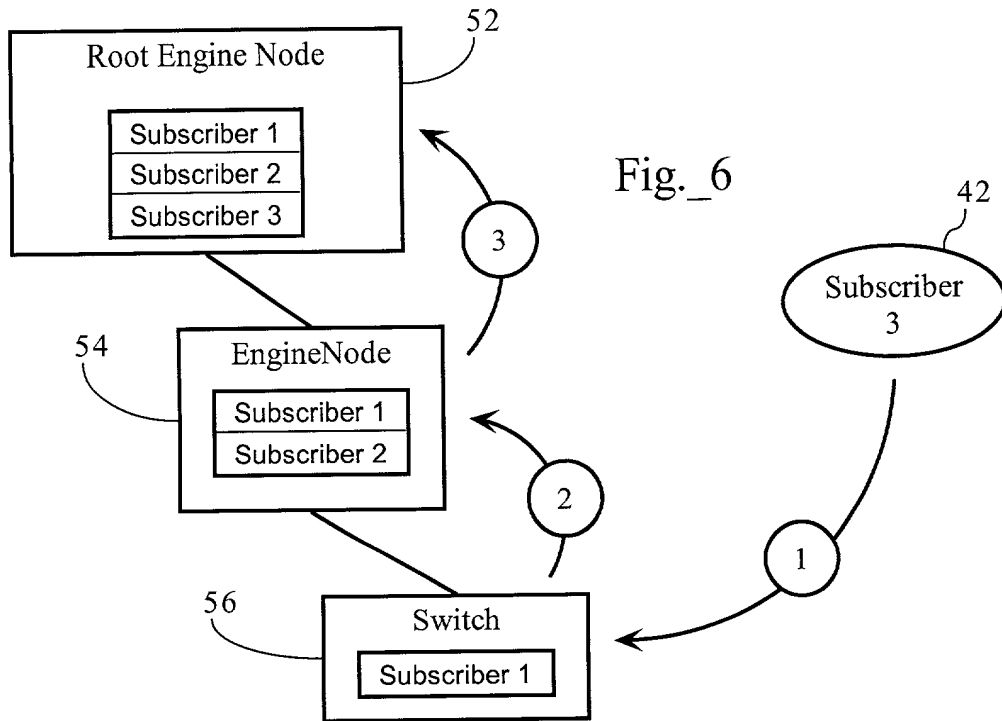


Fig._4



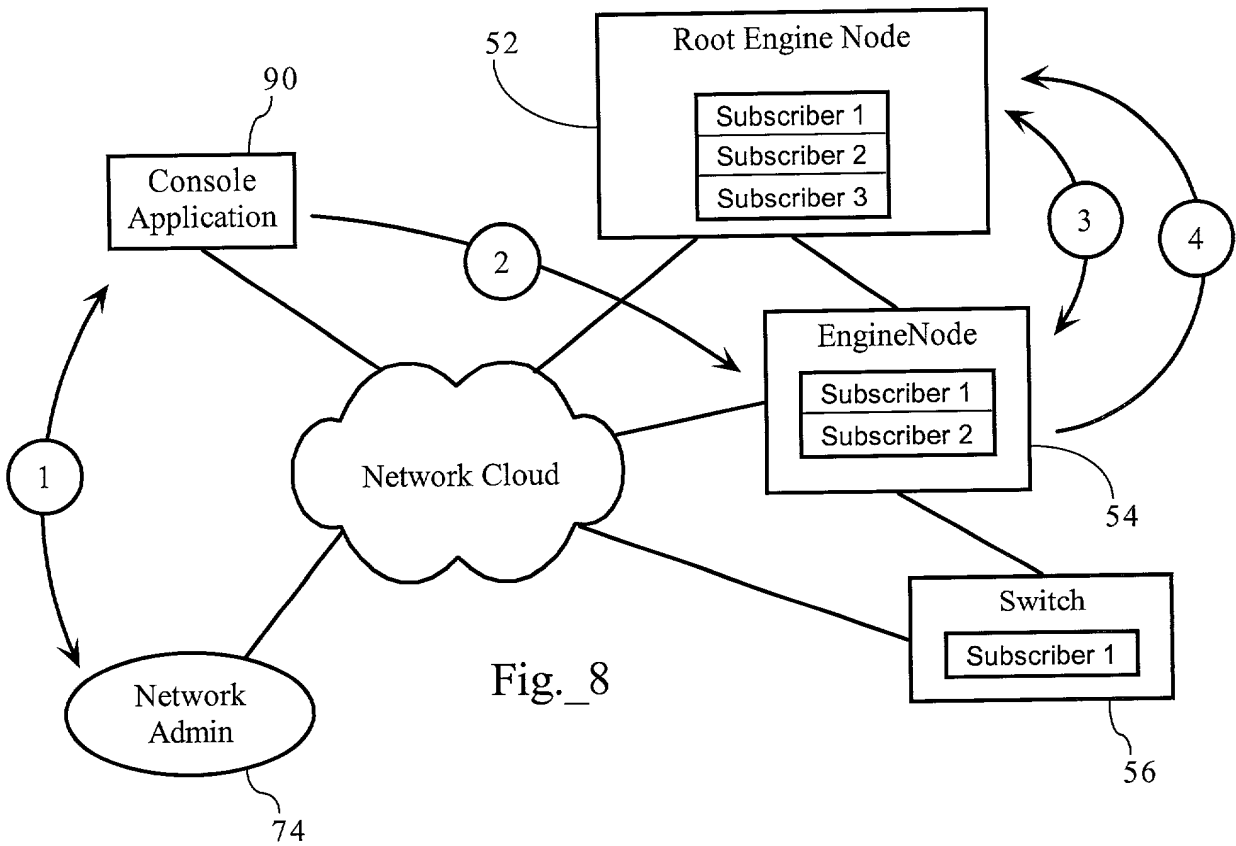


Fig._8

Routing Entity	Local Routing Table	Chile Node A	Child Node B
Subscriber X	12/10/02; 17:26	12/12/02; 11:16	10/12/02; 10:53
Subscriber Y	12/19/02; 15:05	12/19/02; 15:51	12/20/02; 13:15
Publisher X	12/5/02; 13:27	1/3/03; 16:14	1/4/03; 16:15
Service X	12/1/02; 16:21	12/5/02; 16:22	12/4/02; 18:16
Action X	1/6/03; 18:45	1/5/03; 14:17	1/7/03; 19:21
End-User X	12/21/02; 15:11	12/22/02; 15:16	12/21/02; 19:16

Fig._9